

# ISRCS 2008

## 1st International Symposium on Resilient Control Systems

**September 9 & 10, 2008**

The purpose of this symposium is to communicate, discuss, and further develop high level visions and ideas for resilient control systems via community participation and to vet, modify, extend, and endorse particular concepts that will lead to research needs definitions. Desired products of the symposium are the generation of whitepapers for these identified concepts that will set the stage for task group execution, identification and engagement of funding sponsors, and the identification of future research strategies and products.



*Hosted in Idaho Falls, ID  
Near Yellowstone & Grand Teton Parks*

### **Submission Schedule**

- Registration: ~~July 15, 2008~~ Date Extended - August 11, 2008
- Presentations Due: August 11, 2008
- Symposium Website: <https://secure.inl.gov/isrcs2008/>

### **Symposium Location**

Shilo Inn  
780 Lindsay Boulevard  
Idaho Falls, ID 83402  
(208) 523-0088 (Ask for ISRCS block of rooms for discount)

### **Benefits for IEEE**

- Financial assistance available for IEEE members on a case-by-case basis.
- Opportunity to participate in an Evolving Focus area within critical infrastructure protection.

### **Agenda**

Keynote Addresses:

- Prof. Rodriguez Andina, U of Vigo, Spain  
"System Level Algorithmic Concurrent Error Detection for Improved Resilience in Complex Control Systems"
- Prof. Eugene Santos, Dartmouth,  
"On Threats from Intelligent Adversaries"
- Prof. Parag Lala, Texas A&M,  
"Soft Error Tolerant FPGA Design"

Breakout Sessions:

- Control System Design
- State Awareness
- Reliability Design

Hosted lunches and dinner provided

### **General Chairs**

- Craig Rieger, Idaho National Laboratory
- Milos Manic, University of Idaho

### **Session Chairs**

- Control System Design, Subbaram Naidu, Idaho State University
- State Awareness, Venkat Venkatasubramanian, Purdue
- Reliability Design, Axel Krings, University of Idaho

### **Technical Program Committee**

- Kevin Moore, Colorado School of Mines
- Curtis St Michel, Idaho National Laboratory
- Thomas Larson, Idaho National Laboratory
- Marco Schoen, Idaho State University
- Charles Tolle, Idaho National Laboratory

### **Advisory Board**

- Venkat Venkatasubramanian, Purdue
- Subbaram Naidu, Idaho State University
- Miles McQueen, Idaho National Laboratory

### **Organizers**

- Idaho National Laboratory
- University of Idaho
- Idaho State University

### **Technical Co-Sponsors**

- IEEE Industrial Electronics Society

### **Contact Information**

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